

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.21**WELDING WITNESS REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WWR-000732**Date Inspected:** 03-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai**Witness:** **Procedure Qualification Record**
Welding **NDT****Welder Qualification**
Mechanical Testing, describe:**Fracture Critical****Index Lot #:** B240-014-10**Bridge No:** 34-0006**Welder:** Wang Zhong Bui**Witness Lot #:****Component:** T-Joint sample**ID #:** 216086**Joint Description:** T joint

N/A

WPS ID #: WPS-B-P-2114

N/A

Base Metal: A709m-345

N/A

PQR ID #:

N/A

Thickness: 12mm

N/A

Process: SMAW

N/A

Electrode Spec/Class: E7018

N/A

Positions: 4F

N/A

Backing Material:

N/A

CWI: Li Yan Hua (07120701)

N/A

Average Amps: 90~120

N/A

AWS Code: D1.5-202

N/A

Average Volts: 18~26

N/A

Applicable Sec: Section 5

N/A

Travel Speed: 28~124

N/A

Heat Input:

N/A

Preheat:

N/A

Summary of Items Observed:

Caltrans QA inspection Mr. Wai Pau witnessed welder qualification test at OBG bay #14. The welder qualification test utilizing the SMAW process was conducted by Mr. Wang Zhong Bui(ID 216086)performed in fillet weld over head position (4F). The welder qualification test was appeared to be in general compliance with requirements of AWS D1.5 2002 section 5.

Summary of Conversations:

As notes within report above.

is in general conformance with the contract requirements.

Observed welding,testing or results:

is not in conformance with the contract requirements.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Wai Pau 15921330150, who represents the Office of Structural Materials for your project.

WELDING WITNESS REPORT

(Continued Page 2 of 2)

Inspected By:	Pau, Wai	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
